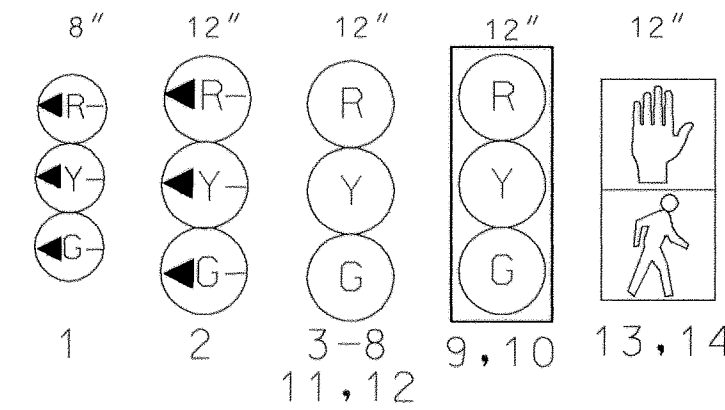


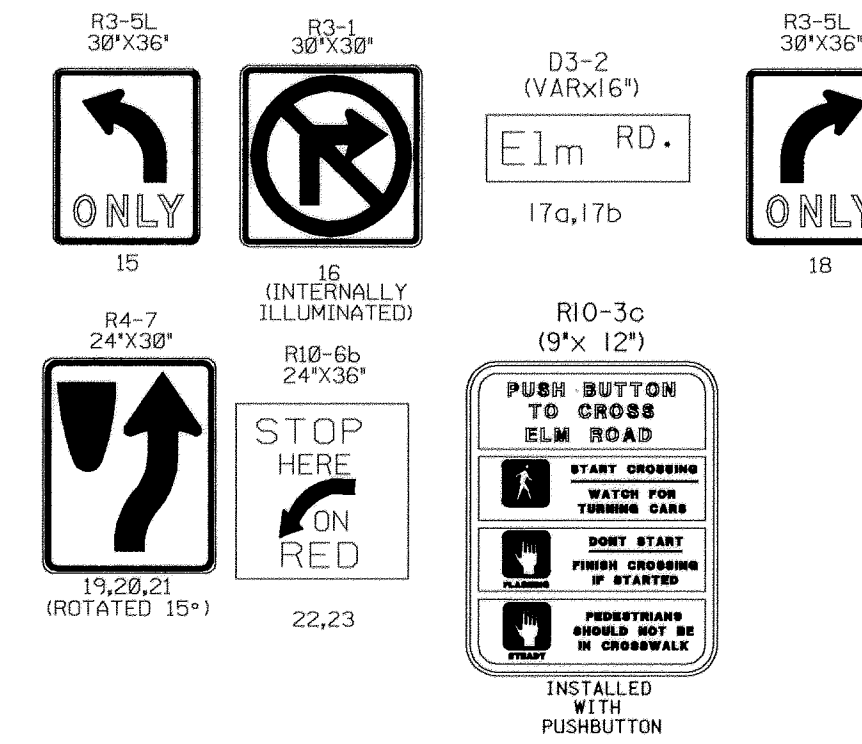
## CONSTRUCTION DETAILS

- A. Install 21 ft. steel pole with a 70 ft. mast arm, signal heads, signs and pedestrian push button with sign. (Note: one 2 in. 90 degree PVC schedule 40 conduit bend and four 2 in. X 90 in. anchor bolts).
- B. INSTALL 10 ft. pedestal pole, signal heads and sign as shown (Note: one 2 in. PVC conduit bend and four 1 in. X 90 in. anchor bolts).
- C. Install 21 ft. steel pole with twin 70 ft. (cut to 62 ft) and 38 ft mast arms, signal heads, signs. (Note: one 2 in. 90 degree PVC schedule 40 conduit bend and four 1 1/2 in. X 60 in. anchor bolts).
- D. Install 21 ft. steel pole with a 50 ft. mast arm and signal heads. (Note: one 2 in. 90 degree PVC schedule 40 conduit bend and four 2 in. X 90 in. anchor bolts).
- E. Install handhole
- F. Install 2 in. PVC schedule 40 electrical conduit - trenched
- G. Install 4 in. PVC schedule 80 electrical conduit - pushed/bored
- H. Install 4 in. PVC schedule 40 electrical conduit - trenched
- J. Install 6 ft. x 30 ft. quadruple loop detector (3-6-3 turns) encased in flexible tubing.
- K. Install 1 in. liquid tight flexible non-metallic conduit for detector wire sleeve.
- L. Install 2 in. PVC schedule 80 electrical conduit for power service.
- M. Install 6 ft. x 6 ft. loop detector (4 turns) encased in flexible tubing.
- N. Install ground mounted sign.
- O. Install base mounted controller and cabinet. (Note: Two 4 in. PVC schedule 40 conduit bend and two 2 in. schedule 40 conduit bends).
- P. Install 12 in. white preformed pavement marking tape
- Q. Install 24 in. white preformed pavement marking tape - stop line
- R. Deleted
- S. Deleted
- T. Install 3 in. PVC schedule 80 electrical conduit - Pushed/bored.
- U. Install 2 in. PVC schedule 80 electrical conduit - Encased in concrete as per M.T.A. requirements.

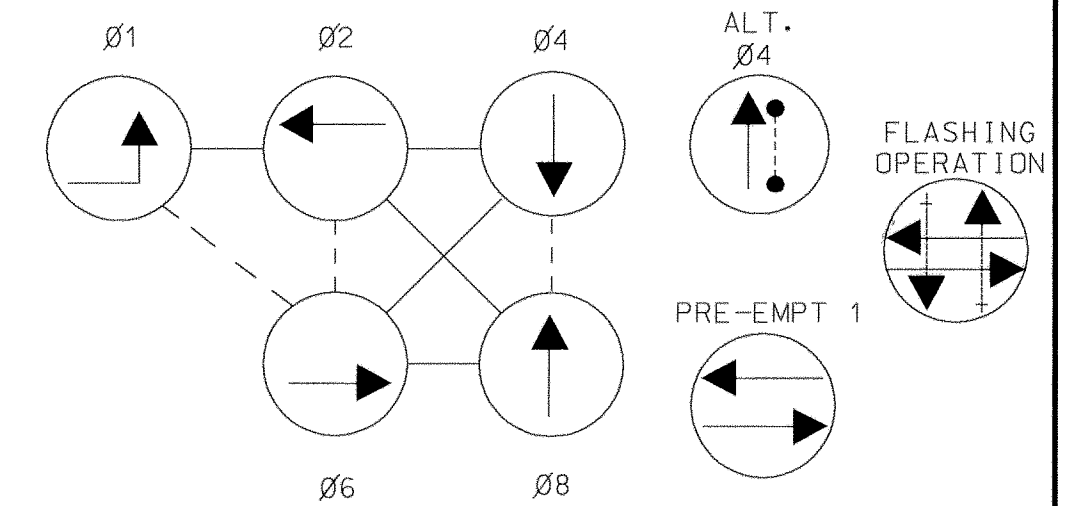
## PROPOSED SIGNALS



## PROPOSED SIGNALS

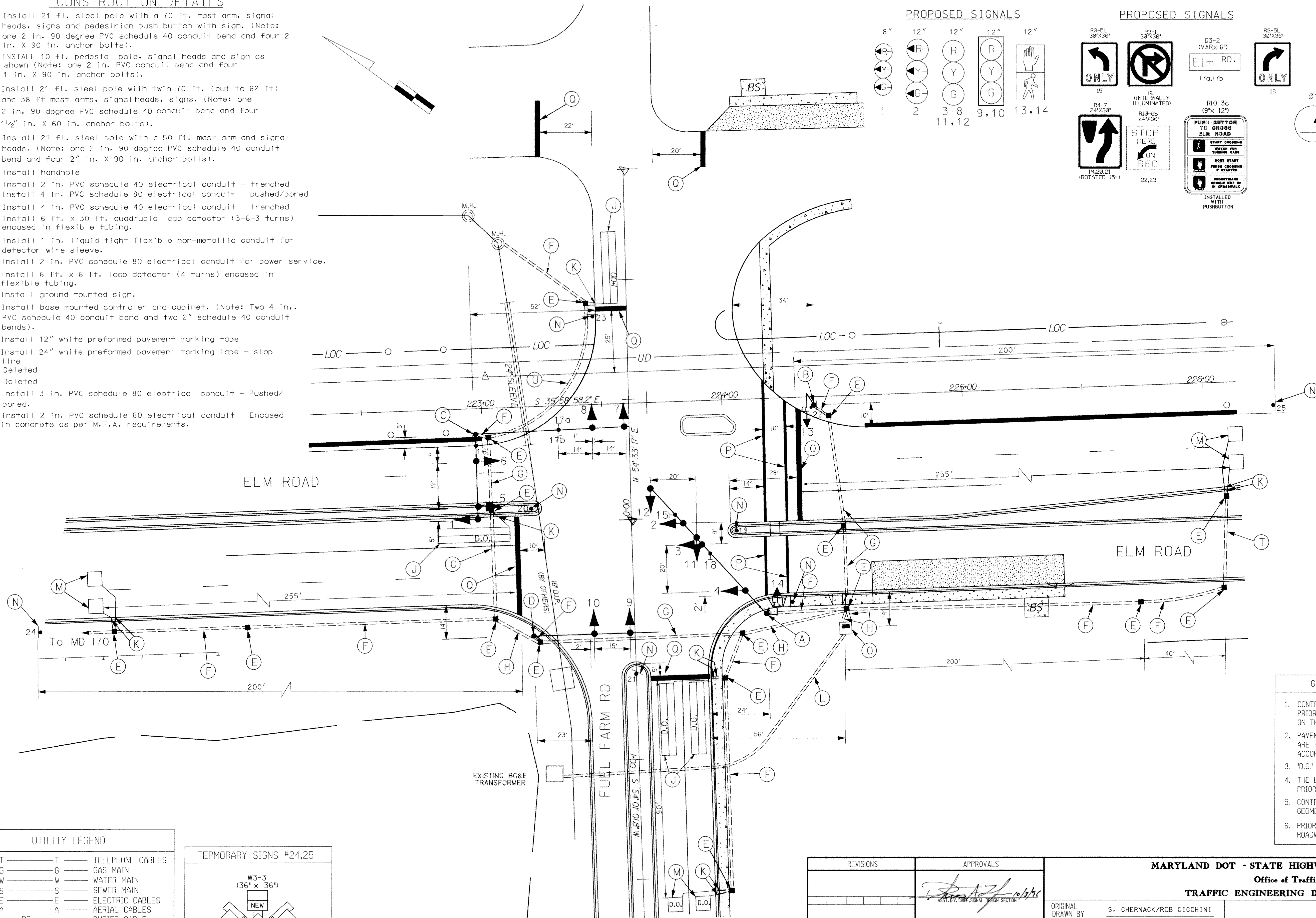


## NEMA PHASING



## PHASING NOTES:

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



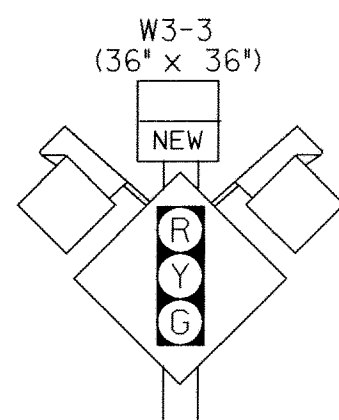
## UTILITY LEGEND

— T —	— T —	TELEPHONE CABLES
— G —	— G —	GAS MAIN
— W —	— W —	WATER MAIN
— S —	— S —	SEWER MAIN
— E —	— E —	ELECTRIC CABLES
— A —	— A —	AERIAL CABLES
— BC —	— BC —	BURIED CABLE
— SD —	— SD —	STORM DRAIN

## GEOMETRIC LEGEND

— — —	— — —	EXISTING GEOMETRICS
— — —	— — —	PROPOSED GEOMETRICS

## TEMPORARY SIGNS #24,25



## GENERAL NOTES

1. CONTRACTOR MUST TRENCH AND INSTALL ALL CONDUITS PRIOR TO POURING CONCRETE UNLESS IT IS NOTED ON THE PLANS OTHERWISE.
2. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH SHA STANDARDS.
3. 'D.O.' INDICATES DELAY OUTPUT LOOP DETECTOR.
4. THE LOOP DETECTORS AND CONDUITS MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
5. CONTRACTOR MUST VERIFY LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
6. PRIOR TO ROADWAY CONSTRUCTION, CONTRACTOR MUST REFER TO ROADWAY PLANS FOR INTERCONNECT CONDUITS AND HANDBOXES.

## MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

## Office of Traffic &amp; Safety

## TRAFFIC ENGINEERING DESIGN DIVISION

ORIGINAL DRAWN BY S. CHERNACK/ROB CICHINI

DES. BY S. CHERNACK/D. PETERS

CHK. BY M. R. 10/2/96

DATE: 2-29-96 F.A.P. NO.

SCALE: 1"=20' S.H.A. NO.

LOG MILE:

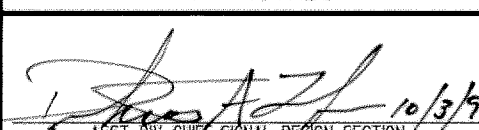


COUNTY: ANNE ARUNDEL

TS/FILE NO.

TS 3631

SHEET NO. 1 OF 1

**DCI**  
CONSULTING ENGINEERS  
COLUMBIA, MARYLAND

REVISIONS	APPROVALS
	 ASST. DISTRICT ENGINEER, TRAFFIC
	 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	 DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC